

01/26/2010

Application Serial No. 10/575,186
Response to Ex Parte Quayle Action

Customer No. 01933

Amendments to the Specification:

Please amend the title of the invention as follows:

IMAGE DISPLAY DEVICE USING P-POLARIZED
LIGHT AND S-POLARIZED LIGHT

Please amend the paragraph at page 72, lines 24-34 as follows:

FIG. ~~20~~ 21 shows an example of an optical system which projects combined images from two two-dimensionally light emitting type photoelectric devices (reflection type liquid crystal devices) on the right and left eyes. 401 denotes a light source device; ~~in this are housed~~ which houses, e.g., the white light LEDs 302 and polarization beam splitter 303 of FIG. 18. The ~~the~~ separated P-polarized light and S-polarized light respectively enter the two rods 402. One optical system and the other optical system are substantially equivalent to each other; and thus, in the following description, the corresponding constituent elements will be denoted by the same reference numerals, the description will be made only on one optical path (the one

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proceeding upwardly from light source device 401), and the different portions relative to the right and left eyes will be described as occasion arises.

Please amend the paragraph at page 73, lines 8-17 as follows:

On the other hand, the optical path of the light having exited from the zoom optical system 412 located on the other optical path is folded by deflection prism 413. The light having exited from the zoom optical system located on the one optical path travels straight, enters half prism 414 together with the former light, and is combined with the light beam having traveled along the other optical path. ~~7~~ ~~of~~ Of the combined light beams, the one for the left eye passes through deflection prism 415 and optical path length adjusting mechanism 416, is projected on screen 417 (light diffusing body), and is projected on the left eye via eyepiece optical system 418. On the other hand, of the combined light beams, the one for the right eye is projected on screen 417 (light diffusing body) via deflection prisms 419 and 420 and is projected on the right eye via eyepiece optical system 418.

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And please replace the abstract on page 89 and with the following abstract:

An image display device projects lights emitted from each of two two-dimensionally light emitting type photoelectric devices onto first and second light diffusing bodies, and projects and images transmitted images of the light diffusing bodies onto the retina in the respective eyeballs of the user. The display device includes one light source, a first polarization beam splitter dividing light emitted from the light source into P-polarized light and S-polarized light, and an optical system which leads each of the P-polarized light and S-polarized lights respectively to the two photoelectric devices thereby illuminating the two photoelectric devices. The optical system leads polarized light to each of the two photoelectric devices via a second polarization beam splitter and a $\lambda/4$ plate, and leads reflected lights to the relay optical system via the $\lambda/4$ plate and the second polarization beam splitter.